

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA00261SE

*This certificate, issued to*

Ly-Con Rebuilding Company  
8231 Doe Avenue  
Visalia, CA 93291

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product—Type Certificate Number:*

3A12

*Make:*

Cessna

*Model:*

172 I, K, L, and M Landplanes and Seaplanes

*Description of the Type Design Change:* Installation of Lycoming O-320-E2D engines modified by STC SE00252SE, O-320-D2G or O-320-D2J engine and McCauley 1C160/CTM 7557 or 1C160/DTM 7557 or 1A175/ETM (seaplane only) propeller per Ly-Con Rebuilding Co., Data List dated December 20, 1976, revised October 21, 1998, or later FAA approved revision.

*Limitations and Conditions:* Approval of this change in type design applies to the above model airplanes only. This approval should not be extended to other airplanes of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that airplane. A copy of this Certificate and Continuation Sheet must be maintained as part of the permanent records for the modified airplane.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission

**(See Continuation Sheet)**

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* June 19, 1995

*Date reissued:*

*Date of issuance:* December 29, 1995

*Date amended:* April 28, 1997; December 3, 1998



*By direction of the Administrator*

*[Signature]*  
(Signature)

Acting Manager, Seattle Aircraft  
Certification Office

(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

*This certificate may be transferred in accordance with FAR 21.47.*

Department of Transportation—Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA00261SE

Ly-Con Rebuilding Co.

Reissued:

Amended: April 28, 1997; December 3, 1998

*Limitations and Conditions continued:*

TCDS No. 3A12 applies except as noted below:

Engine: Lycoming O-320-E2D modified per STC SE00252SE, O-320-D2G, or O-320-D2J

Fuel: 100/130 minimum grade aviation gasoline.

Engine

Limits: Takeoff (five minutes) 2700 RPM (160 h.p.)  
Maximum Continuous 2500 RPM (150 h.p.)

Propeller  
and Propeller

Limits: 1. Propeller approved on Cessna Models 172 I, K, L, M

(a) McCauley 1C160/CTM 7557 - static RPM at maximum permissible throttle setting.

Not over 2400, not under 2280.

No additional tolerance permitted.

Diameter not over 75 in., and not under 74 in.

(b) Cessna spinner - Drawing No. 0550320 required.

2. Propeller approved on Cessna Model 172 M

(a) McCauley 1C160/DTM 7557 - static RPM at maximum permissible throttle setting.

Not over 2400, not under 2280.

No additional tolerance permitted.

Diameter: Not over 75 in., not under 74 in.

(b) Cessna spinner - Drawing No. 0550320 required.

The following placards must be displayed as indicated:

Near fuel tank filler caps: 100/130 Minimum Octane Aviation Grade Gasoline.

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Amended: April 28, 1997; December 3, 1998

*Limitations and Conditions continued:*

3. Propeller Cessna Model 172 I, K, L, M Seaplane only.

(a) McCauley 1A175/ETM

Static R. P. M. at maximum permissible throttle setting:

Not over 2570, not under 2470

No additional tolerance permitted.

Diameter: Not over 80 in., not under 78.5 in.

(b) Cessna spinner - Drawing No. 0550320 required.

The following placards must be displayed as indicated:

Near fuel tank filler caps: 100/130 Minimum Octane Aviation Grade Gasoline.

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*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*